AMENDMENTS TO THE CLAIMS:

This listing of Claims will replace all prior versions, and listings, of Claims in the application:

LISTING OF CLAIMS:

Claim 1 (Previously Presented) A computer implemented method for adding metadata to a collection of data and first metadata wherein the first metadata are associated with the data, the method comprising:

identifying data in the collection based on the first metadata and one or more locations of the data and/or the first metadata in the collection; and

adding second metadata to the collection based on the identified data.

Claim 2 (Previously Presented) The method of Claim 1, comprising capturing the collection of data and first metadata as a data stream.

Claim 3 (Previously Presented) The method of Claim 2 comprising:

storing the captured data stream;

wherein the identifying step is performed on the stored data stream.

Claim 4 (Previously Presented) The method of Claim 2 wherein the steps of capturing and identifying are performed at different locations.

Claim 5 (Previously Presented) The method of Claim 1, wherein:

the step of identifying comprises identifying a first value in a first currency; and

the method comprises determining a second value in a second currency, based on the first value and a conversion factor.

Claim 6 (Previously Presented) The method of Claim 5, wherein a user specifies the second currency and the conversion factor.

Claim 7 (Previously Presented) The method of Claim 6, wherein the user specifies the conversion factor by indicating a date on which the conversion factor is known.

Claim 8 (Currently Amended) The method of <u>Claim</u> 1, wherein:

the first metadata organize the identified data in accordance with a first standard; and

the <u>second</u> metadata organize the identified data in accordance with a second standard.

Claim 9 (Currently Amended) The method of <u>Claim</u> 8, wherein:

the first standard is one of United States GAAP (Generally Accepted Accounting Principles), and International GAAP; and

the second standard is the other of United States GAAP and International GAAP.

Claim 10 (Previously Presented) The method of Claim 1, wherein the second metadata map the identified data to an eXtensible Markup Language (XML) taxonomy.

Claim 11 (Previously Presented) The method of Claim 1, wherein the second metadata map the identified data into a spreadsheet.

Claim 12 (Previously Presented) The method of Claim 1, wherein the second metadata map the identified data into a database.

Claim 13 (Previously Presented) The method of Claim 1, wherein the second metadata map the identified data to a flat file.

Claim 14 (Previously Presented) The method of Claim 13, comprising outputting a data definition that defines a structure of the flat file.

Claim 15 (Previously Presented) The method of Claim 14, wherein the structure indicates locations of the mapped data within the flat file.

Claim 16 (Previously Presented) The method of Claim 2 wherein the data stream is in the form of a data output to a computer display screen.

Claim 17 (Previously Presented) The method of Claim 2 wherein the data stream is in the form of a data output to a computer data port.

Claim 18 (Previously Presented) The method of Claim 2 wherein the data stream is in the form of a data output to a data storage device.

Claim 19 (Previously Presented) The method of Claim 18, wherein the data storage device is a Random Access Memory in a computer.

Claim 20 (Previously Presented) The method of Claim 18 wherein the data storage device is a disk drive.

Claim 21 (Previously Presented) The method of Claim 2 wherein the data stream is generated at an Operating System level of a computer implementing the method.

Claim 22 (Previously Presented) The method of Claim 1, wherein:

the second metadata comprise labels selected from a list associating the labels with the first metadata.

Claim 23 (Previously Presented) The method of Claim 1, wherein the second metadata map the identified data to at least one of a file structure, a schema, and a taxonomy.

Claim 24 (Previously Presented) The method of Claim 22, comprising removing the first metadata from the data collection.

Claim 25 (Previously Presented) The method of Claim 22 comprising creating a file by combining the selected labels with at least the identified data.

Claim 26 (Previously Presented) The method of Claim 22, comprising a step of requesting a user to select a label corresponding to a metadatum in the first metadata when the list does not associate a label with the metadatum.

Claim 27 (Previously Presented) The method of Claim 26, comprising a step of adding the association indicated by the user's selection, to the list associating labels with the first metadata.

Claim 28 (Previously Presented) The method of Claim 22, wherein the list comprises a plurality of labels associated with a metadatum.

Claim 29 (Previously Presented) The method of Claim 28, wherein the plurality of labels comprises synonymous labels.

Claim 30 (Previously Presented) The method of Claim 28, wherein the metadatum is identified in the data collection based on a label in the data collection corresponding to the metadatum.

Claim 31 (Previously Presented) The method of Claim 30, wherein the selected label is different from the label in the data collection.

Claim 32 (Currently Amended) The method of <u>Claim</u> 28, wherein:

the identifying step comprises identifying the metadatum in the data collection; and

the ~~mapping~~ <u>adding</u> step comprises selecting a label from the plurality of labels associated with the identified metadatum.

Claim 33 (Previously Presented) The method of Claim 32, wherein the labels in the plurality are in different languages.

Claim 34 (Previously Presented) The method of Claim 33, wherein the selected labels are in a specified one of the different languages.

Claim 35 (Previously Presented) The method of Claim 34, wherein the specified language is XBRL (Extensible Business Markup Language).

Claim 36 (Previously Presented) The method of Claim 34, wherein the selected labels are in a specified human spoken language.

Claim 37 (Previously Presented) The method of Claim 22, wherein the labels are consistent with XML (eXtensible Markup Language).

Claim 38 (Previously Presented) The method of Claim 37, wherein the labels conform to an XBRL (eXtensible Business Reporting Language) specification.

Claim 39 (Previously Presented) The method of Claim 38, wherein the labels are defined in at least one XBRL taxonomy.

Claim 40 (Previously Presented) The method of Claim 22, wherein the first metadata comprises at least one text string.

Claim 41 (Previously Presented) The method of Claim 2, comprising providing the data stream from a target program to a transformation program, wherein the transformation program a) performs the steps of identifying and adding, and b) appears to the target program as a device driver.

Claim 42 (Previously Presented) The method of Claim 41, wherein the transformation program is independent from the target program.

Claim 43 (Previously Presented) The method of Claim 41, wherein the transformation program and the target program are modules incorporated within a single program.

Claim 44 (Previously Presented) The method of Claim 2, wherein the data stream is in a form of data output to a computer printer.

Claims 45-70 (Canceled)

Claim 71 (New) A machine readable medium comprising a computer program for causing a computation device to perform:

in a collection of data and first metadata wherein the first metadata are associated with the data, identifying data in the collection based on the first metadata and one or more locations of the data and/or the first metadata in the collection; and

adding second metadata to the collection based on the identified data.

Claim 72 (New) The medium of Claim 71, wherein the computer program causes the computation device to capture the collection of data and first metadata as a data stream.

Claim 73 (New) The medium of Claim 72, wherein the computer program causes the computation device to store the captured data stream, and wherein the identifying is performed on the stored data stream.

Claim 74 (New) The medium of Claim 71, wherein:

the identifying comprises identifying a first value in a first currency; and

the computer program causes the computation device to determine a second value in a second currency, based on the first value and a conversion factor.

Claim 75 (New) The medium of Claim 74, wherein the second currency and the conversion factor are user-specified.

Claim 76 (New) The medium of Claim 75, wherein the conversion factor is specified by a date on which the conversion factor is known.

Claim 77(New) The medium of Claim 71, wherein:

the first metadata organize the identified data in accordance with a first standard; and

the second metadata organize the identified data in accordance with a second standard.

Claim 78 (New) The medium of Claim 77, wherein:

the first standard is one of United States GAAP (Generally Accepted Accounting Principles), and International GAAP; and

the second standard is the other of United States GAAP and International GAAP.

Claim 79 (New) The medium of Claim 71, wherein the second metadata map the identified data to an eXtensible Markup Language (XML) taxonomy.

Claim 80 (New) The medium of Claim 71, wherein the second metadata map the identified data into a spreadsheet.

Claim 81 (New) The medium of Claim 71, wherein the second metadata map the identified data into a database.

Claim 82 (New) The medium of Claim 71, wherein the second metadata map the identified data to a flat file.

Claim 83 (New) The medium of Claim 82, wherein the program causes the computation device to output a data definition that defines a structure of the flat file.

Claim 84 (New) The medium of Claim 83, wherein the structure indicates locations of the mapped data within the flat file.

Claim 85 (New) The medium of Claim 72 wherein the data stream is in the form of a data output to a computer display screen.

Claim 86 (New) The medium of Claim 72 wherein the data stream is in the form of a data output to a computer data port.

Claim 87 (New) The medium of Claim 72 wherein the data stream is in the form of a data output to a data storage device.

Claim 88 (New) The medium of Claim 87, wherein the data storage device is a Random Access Memory in a computer.

Claim 89 (New) The medium of Claim 88 wherein the data storage device is a disk drive.

Claim 90 (New) The medium of Claim 72 wherein the data stream is generated at an Operating System level of a computer.

Claim 91 (New) The medium of Claim 73, wherein:

the second metadata comprise labels selected from a list associating the labels with the first metadata.

Claim 92 (New) The medium of Claim 71, wherein the second metadata map the identified data to at least one of a file structure, a schema, and a taxonomy.

Claim 93 (New) The medium of Claim 91, wherein the program causes the computation device to remove the first metadata from the data collection.

Claim 94 (New) The medium of Claim 91, wherein the program causes the computation device to create a file by combining the selected labels with at least the identified data.

Claim 95 (New) The medium of Claim 91, wherein the program causes the computation device to request a user to select a label corresponding to a metadatum in the first metadata when the list does not associate a label with the metadatum.

Claim 96 (New) The medium of Claim 95, wherein the program causes the computation device to add the association indicated by the user's selection, to the list associating labels with the first metadata.

Claim 97 (New) The medium of Claim 91, wherein the list comprises a plurality of labels associated with a metadatum.

Claim 98 (New) The method of Claim 97, wherein the plurality of labels comprises synonymous labels.

Claim 99 (New) The medium of Claim 97, wherein the metadatum is identified in the data collection based on a label in the data collection corresponding to the metadatum.

Claim 100 (New) The medium of Claim 99, wherein the selected label is different from the label in the data collection.

Claim 101 (New) The medium of Claim 97, wherein:

the identifying comprises identifying the metadatum in the data collection; and

the adding comprises selecting a label from the plurality of labels associated with the identified metadatum.

Claim 102 (New) The medium of Claim 101, wherein the labels in the plurality are in different languages.

Claim 103 (New) The medium of Claim 102, wherein the selected labels are in a specified one of the different languages.

Claim 104 (New) The medium of Claim 103, wherein the specified language is XBRL (Extensible Business Markup Language).

Claim 105 (New) The medium of Claim 103, wherein the selected labels are in a specified human spoken language.

Claim 106 (New) The medium of Claim 91, wherein the labels are consistent with XML (eXtensible Markup Language).

Claim 107 (New) The medium of Claim 106, wherein the labels conform to an XBRL (eXtensible Business Reporting Language) specification.

Claim 108 (New) The medium of Claim 107, wherein the labels are defined in at least one XBRL taxonomy.

Claim 109 (New) The medium of Claim 91, wherein the first_metadata comprises at least one text string.

Claim 110 (New) The medium of Claim 72, wherein the program comprises a transformation program and causes the computation device to provide the data stream from a target program to the transformation program, wherein the transformation program a) performs the identifying and adding, and b) appears to the target program as a device driver.

Claim 111 (New) The medium of Claim 110, wherein the transformation program is independent from the target program.

Claim 112 (New) The medium of Claim 110, wherein the transformation program and the target program are modules incorporated within a single program.

Claim 113 (New) The medium of Claim 72, wherein the data stream is in a form of data output to a computer printer.

Claim 114 (New) A system comprising a computation device arranged to perform:

in a collection of data and first metadata wherein the first metadata are associated with the data, identifying data in the collection based on the first metadata and one or more locations of the data and/or the first metadata in the collection; and

adding second metadata to the collection based on the identified data.

Claim 115 (New) The system of Claim 114, wherein the computation device captures the collection of data and first metadata as a data stream.

Claim 116 (New) The system of Claim 115, wherein the computation device stores the captured data stream, and wherein the computation device performs the identifying on the stored data stream.

Claim 117 (New) The system of Claim 114, wherein:

the identifying comprises identifying a first value in a first currency; and

the computation device determines a second value in a second currency, based on the first value and a conversion factor.

Claim 118 (New) The system of Claim 117, wherein the second currency and the conversion factor are user-specified.

Claim 119 (New) The system of Claim 118, wherein the conversion factor is specified by a date on which the conversion factor is known.

Claim 120 (New) The system of Claim 114, wherein:

the first metadata organize the identified data in accordance with a first standard; and

the second metadata organize the identified data in accordance with a second standard.

Claim 121 (New) The system of Claim 120, wherein:

the first standard is one of United States GAAP (Generally Accepted Accounting Principles), and International GAAP; and

the second standard is the other of United States GAAP and International GAAP.

Claim 122 (New) The system of Claim 114, wherein the second metadata map the identified data to an eXtensible Markup Language (XML) taxonomy.

Claim 123 (New) The system of Claim 114, wherein the second metadata map the identified data into a spreadsheet.

Claim 124 (New) The system of Claim 114, wherein the second metadata map the identified data into a database.

Claim 125 (New) The system of Claim 114, wherein the second metadata map the identified data to a flat file.

Claim 126 (New) The system of Claim 125, wherein the computation device is arranged to output a data definition that defines a structure of the flat file.

Claim 127 (New) The system of Claim 126, wherein the structure indicates locations of the mapped data within the flat file.

Claim 128 (New) The system of Claim 115 wherein the data stream is in the form of a data output to a computer display screen.

Claim 129 (New) The system of Claim 115 wherein the data stream is in the form of a data output to a computer data port.

Claim 130 (New) The system of Claim 115 wherein the data stream is in the form of a data output to a data storage device.

Claim 131 (New) The system of Claim 130, wherein the data storage device is a Random Access Memory in the computation device.

Claim 132 (New) The system of Claim 131 wherein the data storage device is a disk drive.

Claim 133 (New) The system of Claim 115 wherein the data stream is generated at an Operating System level of a computer.

Claim 134 (New) The system of Claim 116, wherein:

the second metadata comprise labels selected from a list associating the labels with the first metadata.

Claim 135 (New) The system of Claim 114, wherein the second metadata map the identified data to at least one of a file structure, a schema, and a taxonomy.

Claim 136 (New) The system of Claim 134, wherein the computation device is arranged to remove the first metadata from the data collection.

Claim 137 (New) The system of Claim 134, wherein the computation device is arranged to create a file by combining the selected labels with at least the identified data.

Claim 138 (New) The system of Claim 134, wherein the computation device is arranged to request a user to select a label corresponding to a metadatum in the first metadata when the list does not associate a label with the metadatum.

Claim 139 (New) The system of Claim 138, wherein the computation device is arranged to add the association indicated by the user's selection, to the list associating labels with the first metadata.

Claim 140 (New) The system of Claim 134, wherein the list comprises a plurality of labels associated with a metadatum.

Claim 141 (New) The system of Claim 140, wherein the plurality of labels comprises synonymous labels.

Claim 142 (New) The system of Claim 140, wherein the metadatum is identified in the data collection based on a label in the data collection corresponding to the metadatum.

Claim 143 (New) The system of Claim 142, wherein the selected label is different from the label in the data collection.

Claim 144 (New) The system of Claim 140, wherein:

the identifying comprises identifying the metadatum in the data collection; and

the adding comprises selecting a label from the plurality of labels associated with the identified metadatum.

Claim 145 (New) The system of Claim 144, wherein the labels in the plurality are in different languages.

Claim 146 (New) The system of Claim 145, wherein the selected labels are in a specified one of the different languages.

Claim 147 (New) The system of Claim 146, wherein the specified language is XBRL (Extensible Business Markup Language).

Claim 148 (New) The system of Claim 146, wherein the selected labels are in a specified human spoken language.

Claim 149 (New) The system of Claim 134, wherein the labels are consistent with XML (eXtensible Markup Language).

Claim 150 (New) The system of Claim 149, wherein the labels conform to an XBRL (eXtensible Business Reporting Language) specification.

Claim 151 (New) The system of Claim 150, wherein the labels are defined in at least one XBRL taxonomy.

Claim 152 (New) The system of Claim 134, wherein the first_metadata comprises at least one text string.

Claim 153 (New) The system of Claim 115, wherein the computation device is arranged to receive the data stream from a target program, and to appear to the target program as a device driver.

Claim 154 (New) The medium of Claim115, wherein the data stream is in a form of data output to a computer printer.